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New records of South American Cassidinae (Coleoptera: Chrysomelidae)

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ABSTRACT. New faunistic records of 31 South American species of Cassidinae are given from Brazil (28 species), Argentina (2 species), and Venezuela (1 species).

Key words: entomology, faunistics, Coleoptera, Chrysomelidae, Cassidinae, new records, Neotropical Region.

INTRODUCTION

The first catalogue to Neotropical Cassidinae was published by BLACKWELDER (1946) who listed 1788 species. VIANA (1964a, b) contributed, mainly, with taxonomic revisions of Argentinian fauna. BOROWIEC (1996, 2002) published new data on the Cassidinae distribution, respectively, 719 and 427 new records and the same author (1999), registered 1572 Neotropical species in his world catalogue of Cassidinae (except the tribe Imatidiini). Recent catalogue by BOROWIEC and ŚWIĘTOJAŃSKA (2008) listed 1741 Neotropical species (including the tribe Imatidiini).

Recently, several important faunistic contributions to various countries have been published. BOROWIEC (1998) listed 200 species from Ecuador, CHABOO (2003) registered 16 new records in Costa Rica, CHABOO and BOROWIEC (2003) listed 38 species from Trinidad and Tobago, and BOROWIEC and MORAGUES (2005) recorded 143 species from French Guyana.

This is a contribution to the knowledge of the distribution of the South American Cassidinae. The list includes 31 species recorded from Brazil (28), Argentina (2), and Venezuela (1); from these, 4 are new country records and 42 new state records.

Abbreviations cited in the text:

FIOCRUZ, Fundação Instituto Oswaldo Cruz, Rio de Janeiro, Brazil.

MNRJ, Museu Nacional, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil.

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LIST OF SPECIES

Agenysa boliviana SPAETH, 1915

BRAZIL: Pará, XI.1954, 2, F. M. Oliveira leg. (MNRJ).

DISTRIBUTION: Bolivia (Cochabamba, Chapare, Chiquitos, El Palmar, La Paz, Las Juntas, Mapiri, Pando, Rio Bopi, Rio Japacani, San Antonio, Santa Cruz, Yungas del Palmar). New to Brazil.

Agenysa parellina (BOHEMAN, 1850)

BRAZIL: Minas Gerais, 18.XI.1987, 1, D. Barres leg. (MNRJ); Santa Catarina, XII.1965, 1 (MNRJ).

DISTRIBUTION: Argentina; Brazil (Mato Grosso, São Paulo, Rio Grande do Sul); Paraguay; Uruguay. New to Minas Gerais and Santa Catarina in Brazil.

Anacassis punctulata (KLUG, 1829)

ARGENTINA: Argentina, Misiones, IX.1947, 2, A. Maller leg. (MNRJ).

DISTRIBUTION: Brazil (Minas Gerais, São Paulo, Paraná, Santa Catarina). New to Argentina.

Anacassis testudinaria (BOHEMAN, 1850)

BRAZIL: Minas Gerais, Poços de Caldas (Morro do Ferro), XI.1970, 1, J. Becker leg. (MNRJ); Espírito Santo, Linhares (Parque Sooretama), 1, (MNRJ); São Paulo, Cantareira (Parque do Estado de São Paulo), X.1937, 3, Zellibor leg. (MNRJ).

DISTRIBUTION: Argentina (Buenos Ayres); Brazil (Rio de Janeiro, Paraná, Santa Catarina, Rio Grande do Sul). New to Minas Gerais, and Espírito Santo in Brazil.

Anepsiomorpha deplanata (BOHEMAN, 1850)

BRAZIL: Minas Gerais, Tiradentes, 17.V.1988, 1, J. Becker leg. (MNRJ); Poços de Caldas (Retiro Branco), 01.IV.1965, 1, J. Becker leg. (MNRJ); Lagoa Santa (Lagoinha), 23.XI.1963, 1, J. Becker leg. (MNRJ); Pirapora, XI.1975, 1, Seabra, Alvarenga, Roppa & Monné leg. (MNRJ).

DISTRIBUTION: Argentina; Bolivia; Brazil (Goiás, Mato Grosso). New to Minas Gerais in Brazil.

***Botanochara nigropicta* (BOHEMAN, 1850)**

BRAZIL: São Paulo, Engenheiro Coelho, 1920, 1, A. Richter leg. (MNRJ).

DISTRIBUTION: Brazil (Goiás, Mato Grosso); Paraguay (Assunção). New to São Paulo in Brazil.

***Botanochara quinquefasciata* (PERTY, 1834)**

BRAZIL: São Paulo, Angatuba, I.1923, 1, Bussmeger leg. (MNRJ).

DISTRIBUTION: Brazil (Mato Grosso, Paraná, Rio Grande do Sul). New to São Paulo in Brazil.

***Botanochara sedecimpustulata* (FABRICIUS, 1781)**

BRAZIL: Piauí, Teresinha, I.1953, 1, A. K. Oliveira leg. (MNRJ); Rondônia, Ouro Preto do Oeste, X.1983, 1, O. Roppa, J. Becker, B. Silva & C. Seabra leg. (MNRJ).

DISTRIBUTION: Brazil (Amazonas, Pará, Minas Gerais, São Paulo); Bolivia; Argentina, Paraguay; Uruguay. New to Piauí and Rondonia in Brazil.

***Charidotella* (s. str.) *incerta* (BOHEMAN, 1855)**

BRAZIL: São Paulo, XI.1935, 1 (MNRJ); Engenheiro Coelho, XII.1920, 1, A. Richter leg. (MNRJ).

DISTRIBUTION: Brazil (Minas Gerais, Rio de Janeiro). New to São Paulo in Brazil.

***Charidotis admirabilis* BOHEMAN, 1855**

BRAZIL: Santa Catarina, Corupá, IX.1957, 1, A. Maller leg. (MNRJ).

DISTRIBUTION: recorded generally from "Brasília" (BOHEMAN 1855). New to Santa Catarina in Brazil.

***Charidotis annulifera* (BOHEMAN, 1855)**

BRAZIL: Santa Catarina, Corupá, IX.1957, 1, A. Maller leg. (MNRJ).

DISTRIBUTION: Brazil (Rio de Janeiro). New to Santa Catarina in Brazil.

***Charidotis connexa* BOHEMAN, 1855**

BRAZIL: Paraná, XI.1951, 3, A. Maller leg. (MNRJ).

DISTRIBUTION: Brazil (Bahia, São Paulo); Bolivia (Chiquitos). New to Paraná in Brazil.

***Charidotis furva* BOHEMAN, 1855**

VENEZUELA: Maracay, 3.VII.1964, 1300 m, 1, C. J. Rosales leg. (MNRJ).

DISTRIBUTION: Colombia, French Guyana, Brazil (Mato Grosso, Pará). New to Venezuela.

***Charidotis laetabunda* SPAETH, 1836**

BRAZIL: Santa Catarina, Corupá, XI.1950, 17, A. Maller leg. (MNRJ).

DISTRIBUTION: Brazil (Espírito Santo, São Paulo). New to Santa Catarina in Brazil.

***Charidotis neglecta* BOHEMAN, 1855**

BRAZIL: São Paulo, Ubatuba, 21.XII.1935, 1 (MNRJ).

DISTRIBUTION: recorded generally from "Brasília" (BOHEMAN 1855). New to São Paulo in Brazil.

***Charidotis pupillata* BOHEMAN, 1855**

BRAZIL: São Paulo, Peruíbe, XII.1944, 1, H. Zellibor leg. (MNRJ).

DISTRIBUTION: Brazil (Santa Catarina). New to São Paulo in Brazil.

***Charidotis soror* BOHEMAN, 1855**

BRAZIL: Espírito Santo, Linhares, X.1968, 1, B. Silva leg. (MNRJ).

DISTRIBUTION: Brazil (Paraná). New to Espírito Santo in Brazil.

***Charidotis speculum* (BOHEMAN, 1855)**

BRAZIL: Espírito Santo, Linhares, X.1968, 1, B. Silva leg. (MNRJ).

DISTRIBUTION: Brazil (Bahia). New to Espírito Santo in Brazil.

***Discomorpha (Discomorpha) biplagiata* (GUÉRIN, 1844)**

BRAZIL: Amazonas, Tabatinga, X.1977, 1, B. Silva leg. (MNRJ); Rondônia, Ouro Preto do Oeste, X.1983, 1, Becker, Roppa & Silva leg. (MNRJ).

DISTRIBUTION: Colombia, Venezuela, Brazil (Amazonas, Pará, Rondônia); Ecuador; Peru. New to Amazonas and Rondônia in Brazil.

***Discomorpha (Discomorpha) moczariskii* (SPAETH, 1919)**

BRAZIL: Mato Grosso, Rosário Oeste, XI.1972, 1, A. Maller leg. (MNRJ).

DISTRIBUTION: Brazil (Amazonas, Pará). New to Mato Grosso in Brazil.

***Discomorpha (Discomorpha) variegata* (LINNAEUS, 1758)**

BRAZIL: Amazonas, XII.1925, H. C. Boy leg. (MNRJ); Pará, IX.1921, H. C. Boy leg.; Pará, IX.1922, H. C. Boy leg. (MNRJ).

DISTRIBUTION: French Guyana; Guyana; Surinam. New to Brazil.

***Goniochenia (Goniochenia) quadraticollis* (BOHEMAN, 1850)**

BRAZIL: Espírito Santo, Córrego Itá, XII.1982, 1, B. Silva leg. (MNRJ); Santa Catarina, Rio Natal, I.1965, 1, A. Maller leg.; I.1969, 1, A. Maller leg. (MNRJ); Corupá, II.1957, 1, Maller leg. (MNRJ).

DISTRIBUTION: Brazil (Minas Gerais, Rio de Janeiro, São Paulo). New to Espírito Santo and Santa Catarina in Brazil.

***Hilarocassis albida* (GERMAR, 1824)**

BRAZIL: Rio de Janeiro, Rio de Janeiro (Corcovado), XII-1957, 1, Alvarenga & Seabra leg.; 07.IX.1975, M. A. Monné leg. (MNRJ); VIII.1958, 1, Alvarenga leg. (MNRJ); 15.I.1960, 1, D. Zajciw leg. (MNRJ); 25.IV.1960, 1, Alvarenga & Seabra leg. (MNRJ); 03.XI.1953, 1, D. Zajciw leg. (MNRJ); São Paulo, São Paulo, 14.XI.1926; 01.I.1919; 19.XII.1916 (MNRJ).

DISTRIBUTION: Brazil (Minas Gerais); Paraguay. New to Rio de Janeiro and São Paulo in Brazil.

***Mesomphalia gibbosa* (FABRICIUS, 1781)**

BRAZIL: Espírito Santo, Linhares, IX.1970, 1, F. M. Oliveira leg. (MNRJ).

DISTRIBUTION: Brazil (Rio de Janeiro). New to Espírito Santo in Brazil.

***Mettriona elatior* (KLUG, 1829)**

BRAZIL: Goiás, Goiânia, 02.I.1986, 2, Borgmeier & B. Lopes leg.; São Paulo, Campinas, 21.XII.1986, 1, Borgmeier, B. Lopes leg. (MNRJ); Rio de Janeiro, Angra dos Reis, IX.1935, 1, D. Mendes leg. (MNRJ); Itatiaia, XI.1959, 1, W. Zikán leg. (MNRJ); Teresópolis, 11.XI.1946, 1, Wygod leg. (MNRJ); Teresópolis, I.1969, 1, J. Juberg leg. (FIOCRUZ).

DISTRIBUTION: French Guyana; Brazil (Pará, Minas Gerais, São Paulo, Paraná, Santa Catarina, Rio Grande do Sul); Argentina; Paraguay; Uruguay. New to Goiás and Rio de Janeiro in Brazil.

***Nebraspis corticina* (BOHEMAN, 1850)**

ARGENTINA: Misiones, XII.1955, 1, A. Maller leg. (MNRJ).

DISTRIBUTION: Brazil; Paraguay. New to Argentina.

***Omaspides (Paromaspides) brunneosignata* (BOHEMAN, 1854)**

BRAZIL: São Paulo, Engenheiro Coelho, 1920, 1, A. Richter leg. (MNRJ)

DISTRIBUTION: Brazil (Minas Gerais). New to São Paulo in Brazil.

***Omaspides (s. str.) pallidipennis* (BOHEMAN, 1854)**

BRAZIL: Espírito Santo, X.1920, 1, F. Hoffman leg. (MNRJ); Santa Catarina, Chapecó, I.1949, T. Becker leg. (MNRJ).

DISTRIBUTION: Brazil (Minas Gerais, Rio de Janeiro, São Paulo, Paraná). New to Espírito Santo and Santa Catarina in Brazil.

***Orexita complanata* (BOHEMAN, 1855)**

BRAZIL: Minas Gerais, Belo Horizonte, 1, U. Monte leg. (MNRJ); Rio de Janeiro, Rio de Janeiro (Corcovado), V.1952, 1, S. Fragoso leg. (MNRJ); (Corcovado), II.1954, 1, D. Zajciw leg. (MNRJ); (Corcovado), XI.1955, 1, D. Zajciw leg. (MNRJ); (Corcovado), XI.1957, 2, Alvarenga & Seabra leg. (MNRJ); (Corcovado), IX.1958, 1, Alvarenga & Seabra leg. (MNRJ); (Corcovado), X.1958, 1, Alvarenga & Seabra leg. (MNRJ); (Corcovado), I.1962, 9, Alvarenga & Seabra leg. (MNRJ); Corcovado, XI.1975, 1, M. A. Monné & C. A. Campos Seabra leg. (MNRJ); (Corcovado), X.1976, 1, M. A. Monné & C. A. Campos Seabra leg. (MNRJ); (Corcovado), IV.1980, 1, C. A. Campos Seabra leg. (MNRJ); Duque de Caxias (São Bento), I.1954, 1, D. Zajciw leg. (MNRJ).

DISTRIBUTION: described generally from "Brasilia" (BOHEMAN 1855). New to Minas Gerais and Rio de Janeiro in Brazil.

***Plagiometriona stillata* (BOHEMAN, 1855)**

BRAZIL: Espírito Santo, Santa Tereza, VII.1928, 1, B. Cintra leg. (MNRJ); São Paulo, Cubatão, XI.1935, 1 (MNRJ); Santo André (Paranapiacaba), III.1925, 1 (MNRJ); Santa Catarina, Rio Negrinho, I.1926, 1, A. Ihalla leg. (MNRJ).

DISTRIBUTION: Brazil (Rio de Janeiro). Espírito Santo, Santa Catarina and São Paulo in Brazil.

***Stolas modica* (BOHEMAN, 1850)**

BRAZIL: Bahia, Itamaraju, 14.X.1985, 1, J. Becker leg. (MNRJ); Minas Gerais, Passa Quatro, I.1915, 1, Jeyn leg. (MNRJ); Passa Quatro, XII.1970, 1, F. M. Oliveira leg. (MNRJ); Espírito Santo, Pedro Canário, VI.1970, 1, O. Roppa leg. (MNRJ); Linhares, X.1970, 1, B. Silva leg. (MNRJ); Parque Sooretama, II.1968, 1, F. M. Oliveira leg. (MNRJ); Rio de Janeiro: Itatiaia (Maromba), 29.XII.1952, 1, C. Leite, Seabra & Zikán leg. (MNRJ); São Paulo, Engenheiro Coelho, XII.1920, 1, A. Richter leg. (MNRJ); Santa Catarina, Pinhal, I.1951, 1, A. Maller leg. (MNRJ); Rio Vermelho, XII.1955, 1, Maller leg. (MNRJ).

DISTRIBUTION: Described generally from “Brasilia” (BOHEMAN 1850). New to Bahia, Espírito Santo, Rio de Janeiro, Santa Catarina and São Paulo in Brazil.

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